IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1	1.	(Currently A	mended) A data structure embodied in a tangible computer		
2	readable med	lium for provid	ling object level management of a document datastream in a print		
3	system using	tagged second	ary resources, the data structure including comprising:		
4	a mixed object document structure, wherein the mixed object document structure				
5	further comprising:				
6	a mapping structure; and				
7	a page layout structure;				
8	wherein the mapping structure includes at least one mapping structure for				
9	reference identifying rendering a set of rendering control data as a secondary resource, and				
10	least one who	erein the page l	ayout structure includes an include object structure for		
11	referencing, the include object structure signaling inclusion of an object identifying				
12	rendering control data mapped in the mapping structure for use in rendering the object.				
1	2. structures are	(Original)	The data structure of claim 1 wherein a plurality of mapping		
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1	3.	(Original)	The data structure of claim 2 wherein a plurality of include		
2	object structu	res to an objec	et reference the identified rendering control data.		
1	4.	(Original)	The data structure of claim 1 wherein a plurality of include		
2	object structu	res to an objec	et are provided for referencing identified rendering control data.		

1 5. (Original) The data structure of claim 1 wherein the rendering control 2 data comprises source calibration parameters. 1 6. The data structure of claim 5 wherein the source calibration (Original) 2 parameters comprise a color profile. 1 7. (Original) The data structure of claim 5 wherein the source calibration 2 parameters comprise halftoning parameters. 1 8. (Original) The data structure of claim 1 wherein the rendering control 2 data comprises text rendering parameters. 1 9. (Original) The data structure of claim 1 wherein the rendering control 2 data comprises vector graphic rendering parameters. 1 10. (Original) The data structure of claim 1 wherein the rendering control 2 data comprises image rendering parameters.

1	11. (Currently Amended) A method for providing object level management using			
2	tagged secondary resources, comprising:			
3	mapping rendering control data for at least one object as a secondary resource;			
4	including at least one include structures for the at least one object that references the			
5	mapped rendering control data;			
6	generating a mapping structure that includes at least one mapping reference			
7	identifying a set of rendering control data as a secondary resource; and			
8	generating a page layout structure that includes at least one include object structure,			
9	the at least one include object structure signaling inclusion of an object identifying rendering			
10	control data mapped in the mapping structure for use in rendering the object; and			
11	printing a page containing according to the at least one include object structure, the a			
12	least one object on the page being rendered according to the mapped rendering control data			
13	identified by for the at least one object.			
1	12. (Original) The method of claim 11 wherein the rendering control data			
2	comprises source calibration parameters.			
.1	13. (Original) The method of claim 12 wherein the source calibration			
2	parameters comprise a color profile.			
1 .	14. (Original) The method of claim 12 wherein the source calibration			
2	parameters comprise halftoning parameters.			

- 1 15. (Original) The method of claim 11 wherein the rendering control data
- 2 comprises text rendering parameters.
- 1 16. (Original) The method of claim 11 wherein the rendering control data
- 2 comprises vector graphic rendering parameters.
- 1 17. (Original) The method of claim 11 wherein the rendering control data
- 2 comprises image rendering parameters.

1	18. (Currently Amended) A method for providing object level management for a		
2	page using tagged secondary resources, comprising:		
3	determining whether rendering control data for an object is mapped;		
4	making the rendering control data for the object available in the printer;		
5	including the object that references the mapped rendering control data for the object;		
6	determining whether additional rendering control data is to be mapped;		
7	making additional rendering control data for additional objects available in the printer		
8	and including the additional objects that reference the additionally mapped rendering control		
9	data for the additional objects when it is determined that additional rendering control data is		
10	to be mapped;		
11	rendering objects in page according to mapped rendering control data for the objects;		
12	and		
13	printing the page		
14	determining whether a document datastream includes a mapping structure comprising		
15			
	at least one mapping reference identifying a set of rendering control data as a secondary		
16	at least one mapping reference identifying a set of rendering control data as a secondary resource; and		
16	resource; and		
16 17	resource; and obtaining rendering control data identified by the at least one mapping reference for		
16 17 18	obtaining rendering control data identified by the at least one mapping reference for access by the printer;		
16 17 18 19	obtaining rendering control data identified by the at least one mapping reference for access by the printer; preparing a document for printing according to a page layout structure that includes at		

23 printing a page according to the at least one include object structure, at least one 24 object on the page being rendered according to mapped rendering control data identified by 25 the at least one object. 1 19. (Original) The method of claim 18 wherein the rendering control data 2 comprises source calibration parameters. 1 20. (Original) The method of claim 19 wherein the source calibration 2 parameters comprise a color profile. 1 21. (Original) The method of claim 19 wherein the source calibration 2 parameters comprise halftoning parameters. 1 22. (Original) The method of claim 18 wherein the rendering control data 2 comprises text rendering parameters. 1 23. (Original) The method of claim 18 wherein the rendering control data 2 comprises vector graphic rendering parameters. 1 24. (Original) The method of claim 18 wherein the rendering control data 2 comprises image rendering parameters.

1	25. (Currently Amended) A system for providing object level management for a				
2	page, comprising:				
3	a print server for receiving an application datastream defining a document containing				
4	objects for printing and creating a printer datastream that is specific to a destination printer				
5	engine in order to integrate with the printer's specific capabilities and command set; and				
6	a control unit for maintaining cached objects, the control unit further comprising a				
7	raster image processor for rendering object according to commands provided by the print				
8	server in the printer datastream;				
9	wherein the application datastream maps at least one set of rendering control data as				
10	secondary resource and includes at least one object that references the at least one mapped				
11	set of rendering control data based upon a data structure in the application datastream that				
12	tags rendering control data to objects comprises a mixed object document structure, wherein				
13	the mixed object document structure further comprising:				
14	a mapping structure; and				
15	a page layout structure;				
16	wherein the mapping structure includes at least one mapping-reference				
17	identifying-a set of rendering control data as a secondary resource, and-wherein the page				
18	layout structure includes an include object structure, the include object structure signaling				
19	inclusion of an object identifying rendering control data mapped in the mapping structure for				
20	use in rendering the object.				
1	26. (Original) The system of claim 25 wherein the secondary resource is				
2	shipped resident in the printer.				

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comprises image rendering parameters.

1 27. (Original) The system of claim 25 wherein the secondary resource is 2 downloaded by the print server based upon the mapping when the secondary resource is not 3 resident. 1 28. (Original) The system of claim 25 wherein the rendering control data 2 comprises source calibration parameters. 1 29. (Original) The system of claim 28 wherein the source calibration 2 parameters comprise a color profile. 1 30. (Original) The system of claim 28 wherein the source calibration 2 parameters comprise halftoning parameters. 1 31. (Original) The system of claim 25 wherein the rendering control data 2 comprises text rendering parameters. 1 32. (Original) The system of claim 25 wherein the rendering control data 2 comprises vector graphic rendering parameters. 1 33. (Original) The system of claim 25 wherein the rendering control data

1	34. (Currently Amended) An article of manufacture comprising a program			
2	storage medium readable by a computer, the medium tangibly embodying one or more			
3	programs of instructions executable by the computer to perform a method for providing			
4	object level management for a page, the method comprising:			
5	mapping rendering control data for at least one object as a secondary resource;			
6	including at least one include structure for the at least one object that references the			
7	mapped rendering control data;			
8	generating a mapping structure that includes at least one mapping reference			
9	identifying a set of rendering control data as a secondary resource; and			
10	generating a page layout structure that includes at least one include object structure,			
11	the at least one include object structure signaling inclusion of an object identifying rendering			
12	control data mapped in the mapping structure for use in rendering the object; and			
13	printing a page containing according to the at least one include object structure, the			
14	least one object on the page being rendered according to the mapped rendering control data			
15	identified by for the at least one object.			
1	35. (Original) The article of manufacture of claim 34 wherein the rendering			
2	control data comprises source calibration parameters.			
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1	36. (Original) The article of manufacture of claim 35 wherein the source			
2	calibration parameters comprise a color profile.			
1	37. (Original) The article of manufacture of claim 35 wherein the source			
2	calibration parameters comprise halftoning parameters.			

- 1 38. (Original) The article of manufacture of claim 34 wherein the rendering
- 2 control data comprises text rendering parameters.
- 1 39. (Original) The article of manufacture of claim 34 wherein the rendering
- 2 control data comprises vector graphic rendering parameters.
- 1 40. (Original) The article of manufacture of claim 34 wherein the rendering
- 2 control data comprises image rendering parameters.

1	41. (Currently Amended) An article of manufacture comprising a program		
2	storage medium readable by a computer, the medium tangibly embodying one or more		
3	programs of instructions executable by the computer to perform a method for providing		
4	object level management for a page, the method comprising:		
5	determining whether rendering control data for an object is mapped;		
6	making the rendering control data for the object available in the printer;		
7	including the object that references the mapped rendering control data for the object;		
8	determining whether additional rendering control data is to be mapped;		
9	making additional rendering control data for additional objects available in the printer		
10	and including the additional objects that reference the additionally mapped rendering contro		
11	data for the additional objects when it is determined that additional rendering control data is		
12	to be mapped;		
13	rendering objects in page according to mapped rendering control data for the objects;		
14	and		
15	printing the page		
16	determining whether a document datastream includes a mapping structure comprising		
17	at least one mapping reference identifying a set of rendering control data as a secondary		
18	resource; and		
19	obtaining rendering control data identified by the at least one mapping reference for		
20	access by the printer;		
21	preparing a document for printing according to a page layout structure that includes a		
22	least one include object structure, the at least one include object structure signaling inclusion		

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24 rendering the object; and 25 printing a page according to the at least one include object structure, at least one object on the page being rendered according to mapped rendering control data identified by 26 27 the at least one object.. 1 42. (Original) The article of manufacture of claim 41 wherein the rendering 2 control data comprises source calibration parameters. 1 43. (Original) The article of manufacture of claim 42 wherein the source 2 calibration parameters comprise a color profile. The article of manufacture of claim 42 wherein the source 1 44. (Original) 2 calibration parameters comprise halftoning parameters. 1 45. (Original) The article of manufacture of claim 41 wherein the rendering 2 control data comprises text rendering parameters. 1 46. The article of manufacture of claim 41 wherein the rendering (Original) 2 control data comprises vector graphic rendering parameters. 1 47. (Original) The article of manufacture of claim 41 wherein the rendering 2 control data comprises image rendering parameters.

of an object identifying rendering control data mapped in the mapping structure for use in